

**Montana Board of Research and Commercialization Technology**  
**Board Meeting Teleconference**  
**June 13, 2006**

**Members**      John Youngberg, Chairman

**Attending:**    Marty Connell  
                  Jim Davison  
                  Mike Dolson  
                  Larry Hall  
                  Paul Tuss

**Others**        Dave Desch, Executive Director

**Attending:**    Jane Todd, Program Specialist

**I. Call to Order**

Chairman Youngberg called the meeting to order at 2:35 p.m.

**II. Approval of Minutes from May 24, 2006 Board Meeting**

Marty Connell moved to approve the Minutes of the May 24, 2006, Board Meeting as presented. Larry Hall seconded the motion and the motion carried.

**III. Proposals Submitted 3/1/06 – Discussion and Funding Decisions**

Dave Desch briefly explained the spreadsheet enclosed in the Board packet, which listed projects following the presentation meeting in Bozeman May 24, 2006. A discussion was held to clarify the position of the Board on several projects. Dave Desch summarized the NSF EPSCoR presentation made by Mark Young at the May 24<sup>th</sup> meeting. Tom McCoy, Vice President for Research, Creativity, and Technology Transfer, MSU, and Dan Dwyer, Vice President of Research and Development at UM, were also in attendance. Mr. Desch stated that Dr. McCoy made it clear the university system does not intend to apply for matching funds for the NSF EPSCoR program next year. Mr. Desch also mentioned that Dr. Dwyer indicated Charles Thompson will resume duties as the Principal Investigator of the project, replacing Johnnie Moore, who is listed in the application.

**Action:** Paul Tuss moved to fund the applications listed below. Seconded by Marty Connell, the motion carried unanimously. (Larry Hall recused himself from voting on #07-35, CHRYSATOS Imaging System.)

Projects approved by the Board for funding are:

<p>#07-04 Montana Infrastructure via Science and Technology Enhanced Partnerships – INSTEP (NSF EPSCoR) Charles Thompson – University of Montana - Missoula \$1,500,000</p>
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#07-08 NeuroSys Innovative Computer Software for Rapid Database Generation  
Gwen Jacobs – Montana State University – Bozeman  
\$200,000 Year 1; \$200,000 Year 2

#07-40 Heat Exchanger Fabrication Technology Development  
Gloyd Simmons – MSE Technology Applications Inc. – Butte  
\$100,000

#07-06 Evaluation of Oilseed Crops for Biodiesel Production and Quality in Montana  
Jerald Bergman – Montana State University – Bozeman/Sidney  
\$75,000

#07-24 Demineralized Bone Matrix Putty for Transplantation  
Gregory Juda – Bacterin International, Inc. – Belgrade  
\$165,974

#07-51 Development of a Novel, Nanoparticle Vaccine Adjuvant  
Jon Nagy – NanoValent Pharmaceuticals, Inc. – Bozeman  
\$137,000 Year 1; \$137,000 Year 2

#07-27 High-Performance Biobased Motor Oils from Vegetable Oil Estolides  
Tony Kavanagh – Peaks and Prairies – Bigfork  
\$85,000 Year 1; \$85,000 Year 2

#07-35 CHRYSATOS Imaging System  
Lawrence Lass – AquilaVision – Missoula  
\$115,000 – Contingent upon the company having the \$100,000 match described on page 12 in the proposal in place within 45 days.

#07-11 Smart Adaptive Antennas for Wireless Communications in Rural and Sparsely Populated Areas  
Yikun Huang – Montana State University – Bozeman  
\$99,805 Year 1; \$99,626 Year 2

#07-03 Immobilized Metal Polyamine Composites (IMPACS) for Removal and Recovery of Negatively Charged Species from Contaminated Waters and Mine Leaches  
Edward Rosenberg – University of Montana – Missoula  
\$112,398 Year 1; \$105,061 Year 2

#07-17 New Red Laser-Excited Fluorescent Dyes for Ultrasensitive Multiplex Detection in Proteomics and Diagnostics  
Edward Dratz – Montana State University – Bozeman  
\$150,000

#07-28 Research Support for the Development and Manufacturing of a Rapid Biofilm Analysis Test Kit

Darla Goeres – Montana State University – Bozeman

\$75,125 Year 1; \$76,125 Year 2

#07-41 Enhancement of Applied/Translational Research in Biomedicine

Richard Bridges – University of Montana/COBRE – Missoula

\$67,880

#### **IV. Public Comment**

There was no public comment.

#### **V. Other**

Reappointment of Board members was discussed.

#### **VI. Adjourn**

Chairman Youngberg adjourned the meeting at 2:52 p.m. with a thank you to everyone for all the hard work during the #07 funding cycle.

Respectfully submitted,

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John Youngberg, Chairman